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REMARKS

In reply to the Office action mailed March 13, 2003, applicant respectfully requests reconsideration and allowance of all the claims in the subject application. In the Office action the Examiner rejected all the claims 1-20 in the subject application as being obvious over U.S. Patent 3,915,840 ("the Gladrow patent"). In reply applicant has amended claim 1. Claims 1-20 remain pending in the subject application.

Claim 1 has been amended to indicate that the catalyst particles have a composition "including crystalline alumina silicate or zeolite." Support for this amendment is found at paragraph 0036, line 2. The Gladrow patent discloses that "PCC-Type BP activated carbon granules were used as the catalyst in the hydrogen transfer reactor." Column 4, lines 36-58. The catalyst disclosed in the table in column 3 of the Gladrow patent is only employed in the cat cracker which produces feed for the hydrogen transfer zone. Gladrow patent, column 3, lines 29-51. Applicant respectfully submits that independent claim 1, as amended, includes recitations not disclosed in the Gladrow patent. Therefore, independent claim 1, and at least for the same reasons, claims 2-9 which depend from claim 1 are all patentable over the Gladrow patent.

Claim 10 recites contacting a "hydrocarbon feed stream with catalyst particles having a composition in a first reactor to produce a cracked product" and "contacting said naphtha stream with catalyst particles having said composition in a second reactor to produce an upgraded product stream." In the Gladrow patent, the feed to the first cat cracker reactor is contacted with a catalyst comprising $\text{SiO}_2\text{-Al}_2\text{O}_3$ with or without clay and/or zeolite, Gladrow patent, table in col. 3, and the feed to the second hydrogen transfer reactor is contacted with PCC-Type BP activated carbon granules. Gladrow patent, col. 4, lines 56-58. Accordingly, the catalyst composition in the first reactor is not the catalyst composition in the second reactor of the Gladrow patent. Because the Gladrow patent does not disclose all the recitations in independent claim 10, applicant respectfully submits that independent claim 10 is patentable over the Gladrow patent. Similarly, claims 11-16 which depend from claim 10 are also patentable over the Gladrow patent.

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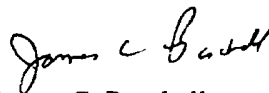
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Claim 17 recites "cycling catalyst particles that had resided in the first reactor to second reactor." Because the Gladrow patent makes no such disclosure, applicant respectfully submits that independent claim 17 is patentable over the Gladrow patent. For at least the same reasons, claims 18-20 which depend from claim 17 are also patentable over the Gladrow patent.

Applicant would also like to point out that he has not received back the PTO form with the Examiner's initials thereon to indicate review of the reference enclosed with the Information Disclosure Statement mailed on July 12, 2002. Applicant respectfully requests appropriate processing of this Information Disclosure Statement.

Applicant respectfully requests reconsideration and allowance of all the claims in the subject application. Should the Examiner have any questions regarding this matter, please feel free to contact the undersigned.

Respectfully submitted,



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